

Eureka - Fall Maintenance Crew 2017

List of material for plumbing works for sealift 2017

Item	Location /Description EOB-M23A General Mechanical	Ref Division 23	Qty	Price
<u>New Garage, Water Heater</u>				
1	3/4 Braided Stainless Steel Flex Hose fem-fem 36"		2	
2	3/4 Braided Stainless Steel Flex Hose fem-fem 24"		1	
3	3/4 NPT dielectric Nipple male-male		1	
4	Bushing black pipe 3/4 NPT fem @ 1,5" male		2	
5	Valve 1,5" NPT fem-fem for black pipe		2	
6	Bushing black pipe 1" NPT fem @ 1,5" male		2	
6a	Teflon tape for water and glycol		1	
6b	Domestic water Heater, 12 gallon, 120 volt Space Saver (make) #SS12SEB15 or equivalent		1	
<u>New Garage, Other</u>				
6b	Bottom mount manual Bleeding valve 1/4" NPT		10	
<u>Water Tank House</u>				
7	Wax or Plumber grease for level indicators		1	
8	Support for 4" pipe	23 05 29	2	
8a	#8 X 1" Wood screw to support base to plywood floor		16	
9	PVC 4" coupling gray		3	
10	PVC cleaning solvent for drinking water		1	
11	PVC cement for drinking water		1	
12	Red Gasket for flanges PVC 4", sheet 36" X 1'		1	
13	Ballvalve 2" NPT		2	
13a	Unit Heater to replace a Trane 78H serial number 475478		1	
13b	Fittings and valve to reinstall unit heater of item 13a		lot	
<u>Power House</u>				
13c	Unit Heater to replace two Trane model 78H, serial number 392421 and 475481		2	
14	Required fittings to install two unit heater of item 13c		lot X 2	

14a	Top mount Bleeding valve 1/8" NPT 150 PSI 240°F WATTS FV-4M1	5
14b	Top mount Bleeding valve 1/4" NPT 150 PSI 240°F WATTS	5
14c	Top mount Bleeding valve 1/2" NPT	5
14d	Dielectric union 2" (TDB) sweat	1
14e	Copper pipe 2" diam X 6" length	1

EPB-M23A Mechanical

Division 23

AStrO Lab

15	Hardware (flux, lead-free solder, 120-grit sandpaper, torch) to solder a 1/2" copper pipe that leaks	23 05 17	1
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M230501A - Water Storage Tank

Main Complex - Water Tanks room

16	Wax for level indicators	1
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M232123A - Hydronic Pumps

Main Complex - Boiler room

18	Flange Gasket kit for pump Grundfos UP 65-160 (P20 & P21)	2
19	Teflon tape rated for water and glycol	1
20	Pump Grundfos UP 65-160 (P21)	1

M232114A - Hydronic Specialties

Main Complex – Elec & Mec room

21	Manometer 0-100 PSI , 1/4" bottom connection	1
22	Flange Gasket kit for pump Grundfos UMC 25-64 (P24)	1
23	3/4" sweat check valve	1

M232500A - HVAC Water Treatment

M224201A - Plumbing Specialties

M221010A - Plumbing Pumps

Main Complex - Water Tanks room

23a	Valve 2" NPT fem-fem	1
23b	Nipple 2" NPT male-male	1
23c	Check Valve 2" NPT fem-fem	1
23d	Adapter NPT 2" male to Sweat 1.5"	1

M22305A - Domestic Hot Water Heater

Main Complex - Elec & Mec room

24	Thermometer TRERICE model BX9	2
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M235200A - Boiler Annual

M235700A - Heat Exchangers

Main Complex - Mezzanine of Water tanks room

25	Nipple 6" X 2" diam Schedule 40 male NPT to male NPT	2
26	Dielectric bushing 2" diam NPT to Sweat	2
27	Sweat Reducer 2" to 1,5"	2
28	Nipple 8" X 2" diam Schedule 40 male NPT to male NPT	2
(see 24)	Thermometer TRERICE model BX9	(see 24)

M237311A - Air Handling Units

29	Manometer, industrial type, 4" dial, 0-60 PSI	1
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M238413A - Humidifier Annual

M238236A - Fin-Tube Radiators

M238239A - Unit Heater

M233400A - Exhaust Fans

M233316A - Fire Dampers

M221318A - Plastic Drainage waste piping

Main Complex - East section of crawl space

30	3" diam p-trap PVC XFR	1
31	6' length of 3" diam pipe PVC XFR	1
32	6' length of 6" diam pipe PVC XFR	1
33	coupling 3 " diam PVC XFR	2
34	4' length of 2" diam pipe PVC XFR	5
35	45deg elbow 2" diam PVC XFR	4
36	coupling 2" diam PVC XFR	7
37	Wye 2" diam PVC XFR	1
38	cleanout 2" diam PVC XFR	1
39	wye 6x3 " diam PVC XFR	1
40	45deg elbow 3" diam PVC XFR	1
41	coupling 3" diam PVC XFR	1
42	coupling 6" diam PVC XFR	1
43	Wye 3x2" diam PVC XFR	1
44	45deg elbow 2" diam PVC XFR	1
45	MJ clip 2" diam PVC X COP	1
46	Cement for PVC XFR, 1 gallon	1
47	Solvent for PVC XFR, 1/2 gallon	1

Inventory of copper pipes

48	Copper pipe 1/2" X 4' type L	3
49	Coupling 1/2" copper sweat	3
50	Copper pipe 3/4" X 4' type L	3
51	Coupling 3/4" copper sweat	3
52	Copper pipe 1" X 4' type L	3

53	Coupling 1" copper sweat	3
54	Copper pipe 1-1/2" X 4' type L	3
55	Coupling 1-1/2" copper sweat	3
56	Copper pipe 2" X 4' type L	3
57	Coupling 2" copper sweat	3